



# Wind Transmission and System Integration

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# The “Ridge”: A History Lesson

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- ✓ 3-65KW 1986 (since retired)
- ✓ 25MW 1994
- ✓ 107MW 1998
- ✓ 103MW 1999
- ✓ 3-11~12MW 1999

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# The “Ouch”

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- ✓ Phase 1 “OK”
- ✓ Phase 2 “Kinda OK”
- ✓ Phase 3 “Not So OK”
- ✓ Ouch!

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# Observation

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- ✓ Wind Blows “Where Nearly No Man Has Gone Before”
- ✓ Wind Blows Really Hard Sometimes
- ✓ Wind Is Really Noisy
- ✓ Wind Can Rattle Your Cage
- ✓ Wind Can Blow Out Both Our Candles

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# Some Lessons

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- ✓ It's Always Worth Doing Well
- ✓ Separate Business From Pleasure
- ✓ Straight Talk
- ✓ Electricity Is A Team Sport

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# The Ridge Today

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- ✓ Good Technical Working Groups
- ✓ Business Relationships Not Too Blustery
- ✓ Performance Out On The Ridge Not Too Bad This Year

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# Transmission Today

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- ✓ Not Much Transmission Capacity
- ✓ Building Transmission Really Unpopular
- ✓ Cost Recovery Fuzzy

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# Moving Forward

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- ✓ Integrate Plans
- ✓ Clear Up Transmission Recovery
- ✓ Better Technology
- ✓ Smooth That Output
- ✓ Partner
- ✓ Be Positive

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